

From: [Conan, Donald](#)
To: [Haklar, James](#)
Cc: [Chiusano Dave \(david.chiusano@dec.ny.gov\)](#); [Conden, Robert](#); [Barber, Vincent](#)
Subject: FW: Empire Electric Site no 224015: New callout No. 129841
Date: Monday, June 26, 2017 4:59:42 PM
Attachments: [image003.jpg](#)
[DRAFT PCB Characterization Sampling-Figure.pdf](#)

Jim,

Please see attached, the sample location figure associated with the proposed investigation at the Empire Electric Site. NYSDDEC will be using Environmental Assessment & Remediations (EAR) of Patchogue, NY to perform the work, with sample analysis to be conducted by Test America. As described in the 6/16/17 email there is concern of deeper PCB impacts that may be encountered in soil, so the plan is to collect samples only at locations where the grid coincides with exposed soil, i.e. no concrete/granite sampling is proposed under this activity. In addition to collecting grab samples from the soil, three (3) temporary monitoring wells will be installed to assess potential groundwater impacts.

Starting tomorrow, sampling of concrete/granite will be performed by the IRM/Demolition contractor (PAL Environmental Services), this sampling will consist of approximately 40 bottom and sidewall samples collected at the 20'x20' verification grid that was discussed previously.

The email chain includes direction regarding sample collection.

We are planning on starting the work after the holiday, Thursday July 6th.

Please let me know if you have any questions.

Don

Donald Conan, P.E.

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From: Conden, Robert

Sent: Friday, June 23, 2017 2:15 PM

To: Hofmann, Ian <IHofmann@ENVIRO-ASMNT.COM>; Conan, Donald <dconan@eaest.com>; Chiusano, David (DEC) <david.chiusano@dec.ny.gov>

Cc: vwb13@aol.com; Barber, Vincent <vbarber@eaest.com>

Subject: RE: Empire Electric Site no 224015: New callout No. 129841

Ian/Don – I spoke with Dave this morning and I think the attached drawing/notes capture most of the main objectives.

- 1) Target soil – some of the locations shown on the drawing are certainly going to be obstructed by concrete/granite, so there will be a need to “field fit” some of the sampling locations
- 2) Vertical Delineation – We already know there are elevated PCB concentrations at the surface, using hand tools and meticulous instrument decontamination we should be able to get a sense of the vertical extent
- 3) Water Quality – Hand augers are not optimal for well construction but if we can get 3ft into the water table, insert a 1” piezometer (w/ 3ft of screen), sand pack and top of with 1ft of bentonite we should be able to get a look at localized groundwater impacts (if any)

The attached file is a DRAFT so please review and we can work on revisions/improvements Monday

so field work can commence ASAP.

Dave – I know you are heading out for vacation but there isn't a large volume of content so if you do get a chance review your comments will be addressed.

Regards,

Robert A. Conden

Engineer



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From: Conden, Robert

Sent: Thursday, June 22, 2017 6:29 PM

To: Hofmann, Ian <IHofmann@ENVIRO-ASMNT.COM>; Chiusano, David (DEC) <david.chiusano@dec.ny.gov>

Cc: Conan, Donald <dconan@eaest.com>; vwb13@aol.com

Subject: RE: Empire Electric Site no 224015: New callout No. 129841

Ian – Page 2 of the attached file shows the sample grid the EPA approved, I need to work on the specifics sample depth/interval, collection methodology, etc. as well as proposed monitoring wells in the target area so we are not quite ready to collect samples.

Dave - once I get enough information compiled to constitute an actual sampling plan I'll provide the file to you for review and comment/approval before sending to Ian.

Regards,

Robert A. Conden

Engineer



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